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Aquaculture, Fisheries and Fish Biology

2006/2007



www.blackwellfish.com

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Welcome to the Blackwell Publishing Aquaculture, Fisheries & Fish Biology Catalogue:

The following pages provide full details of our products in a wide range of fisheries and aquaculture topics, including fish biology, aquatic sciences, and aquatic ecology.

We are especially keen to draw your attention to:

- 1: Our new partnership with the World Aquaculture Society (WAS) in the publication of the *Journal of the World Aquaculture Society*. See the announcement below and details of our full range of journals on pages 15-16.
- 2: Our continuing partnership with the Fisheries Society of the British Isles and the publication of the *Journal of Fish Biology*.
- 3: Our new Aquaculture and Fisheries subject website at www.blackwellfish.com

We are always interested to receive comments on our titles and are also pleased to consider proposals from new authors. We look forward to hearing from you at the address shown on the left.

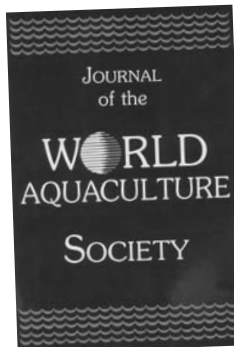
Nigel J. Balmforth

Nigel Balmforth
Publisher

Email: nigel.balmforth@oxon.blackwellpublishing.com



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Announcing a New Partnership from 2006

Blackwell Publishing is pleased to announce a new partnership with the World Aquaculture Society in 2006 to bring you the *Journal of the World Aquaculture Society*. This international scientific journal publishes original research on the culture of aquatic plants and animals, including: nutrition; disease; genetics and breeding; physiology; environmental quality; culture systems engineering; husbandry practices; economics and marketing.

See www.blackwellfish.com/jwas for more details or to subscribe

Alternative Management Systems for Fisheries

David Symes

This book focuses on the need for institutional change in order to accommodate new policy objectives, new stakeholders and new regulatory measures.

Alternative management systems are examined at different levels from the regionalisation of the CFP through coastal state management to various forms of user participation in the management of local fisheries. Issues of "integrated fisheries management" are explored through a number of approaches including ecosystem management, the Marine Stewardship Council and integrated coastal zone management.

1999, 256 PAGES, HARDBACK, 0852382626, 9780852382622

American and International Aquaculture Law

Henry D McCoy II

Aquaculture is the fastest growing sector of agriculture and the speed of scientific and economic advances during the past decade has outpaced the available literature dealing with legal aspects of aquaculture. This excellent book redresses this imbalance and will provide a thorough and comprehensive reference for all those who are involved in the many aspects of aquaculture where up to date legal information is a vital tool for them to carry out their roles.

Main features: fully comprehensive; covers international law; vital cutting edge information for all those involved in aquaculture trade worldwide; author has many years experience in representing enterprises in these areas

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2000, 476 PAGES, HARDBACK, 0970131259

Anaesthetic and Sedative Techniques for Aquatic Animals

Third Edition

IN PREPARATION

Lindsay Ross & Barbara Ross

The widely acclaimed second edition of *Anaesthetic and Sedative Techniques for Aquatic Animals* provided the fisheries and aquaculture industry with vital information on the use of sedation and anaesthetics in the avoidance of stress and physical damage. Also an important feature of veterinary practice and research work, the book is a hands-on reference to anyone working with aquatic animals.

Now fully revised and expanded, the third edition has maintained its accessible format and incorporates much new emphasis on fish pain and welfare; a rapidly developing area of interest and debate. A comprehensive new chapter covering anaesthesia and legislation takes an international perspective, covering the use of anaesthetic agents in aquatic animals for use both in the food chain and experimentation.

2007, 236 PAGES, HARDBACK, ILLUSTRATED, 1405149388, 9781405149389

Aquaculture

The Ecological Issues

J. Davenport, K. Black, G. Burnell, T. Cross, S. Culloty, S. Ekaratne, B. Furness, M. Mulcahy & H. Thetmeyer



BRITISH ECOLOGICAL SOCIETY: ECOLOGICAL ISSUES SERIES

"...a great text. It is brief enough to be readable by students but detailed enough (especially with references) to provide an excellent overview of the topic." *Teaching Ecology Group Newsletter*

Aquaculture: the ecological issues is written by an international team of researchers. Their aim has been to give an accessible account of the scale and diversity of aquaculture and the impact that it has on habitats and ecosystems throughout the world. It deals with the culture of carp and oysters, catfish and crayfish, salmon and tiger prawns.

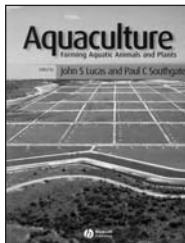
Controversial topics such as habitat loss, the introduction of alien species, genetic pollution by escapees from fish farms and spread of disease from farmed to wild populations are covered.

2003, 96 PAGES, PAPERBACK, 1405112417, 9781405112413

Aquaculture

Farming Aquatic Animals and Plants

Edited by John S. Lucas & Paul C. Southgate



This exciting, and comprehensive book covers all major aspects of the aquaculture of fish, shellfish and algae in freshwater and marine environments.

Subject areas covered include water quality and environmental impacts of aquaculture, desert aquaculture, reproduction, life cycles and growth, genetics and stock improvement, nutrition and feed production, diseases, post-harvest technology and processing, economics and marketing.

Written by 30 internationally-known and respected authors, and drawn together and carefully presented by Professors John Lucas and Paul Southgate, *Aquaculture* is a book that is essential reading for all students and professionals studying and working in aquaculture. Fish farmers, hatchery managers and all those supplying the aquaculture industry, including personnel within equipment and feed manufacturing companies, will find a great deal of commercially useful information within this important book.

2003, 512 PAGES, PAPERBACK, ILLUSTRATED, 0852382227, 9780852382226



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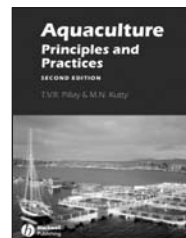
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Aquaculture

Principles and Practices

Second Edition

T. V. R. Pillay & M. N. Kutty



TEXTBOOK

Covering all aspects of subsistence and commercial aquaculture as practiced across the globe, this fully revised new edition from two leading world authorities in the field is set in two parts: principles and practices, and covers in detail recent developments in: History and planning; Nutrition; Reproduction and genetic selection; Production statistics and economics; Integrated aquaculture; and Sustainability and environmental effects (new chapter).

All cultured species groups are addressed, from freshwater and marine fish to shellfish and seaweeds. Essential new facts and data have been included throughout.

This comprehensive work is an essential purchase for all those studying aquaculture and is a valuable source of reference for all personnel involved in the aquaculture industry; including those working in fish farms, research institutions, teaching posts in universities and commercial establishments such as aquaculture equipment and feed supply companies. Libraries in all universities and research establishments will find this book an important addition to their shelves.

2005, 640 PAGES, HARDBACK, ILLUSTRATED, 1405105321, 9781405105323

Aquaculture and Behavior

Edited by Sunil Kadri & Felicity Huntingford

IN PREPARATION

The behaviour of fish and shellfish under culture situations has long been ignored despite, for example, heavy commercial losses that can result from fish stressed and hence disease-prone due to bad husbandry techniques. This important new book summarises the current understanding of the behavioural biology of farmed species and illustrates how this can be applied to improve aquaculture practice.

Written by experts from around the world, the book has been carefully edited by Doctors Kadri and Huntingford, both widely known and respected for their work in this area. Chapters include coverage of cannibalism, movement study, feeding ecology, learning behaviour, aggression, welfare and stress physiology.

The book is an essential tool and reference for students and professionals in fish biology, aquaculture, animal behaviour and fish veterinary science.

2007, 352 PAGES, PAPERBACK, ILLUSTRATED, 140513089X, 9781405130899

Blackwell Publishing Aquaculture and Fisheries Journals

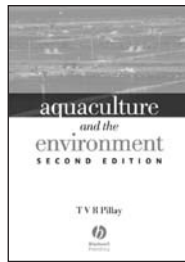
To see our list of journals in Aquaculture, Fisheries, Fish Biology and Aquatic Sciences, please go to pages 15 and 16.

Aquaculture and the Environment

Second Edition

T. V. R. Pillay

The second edition of this well-received book brings together and discusses the available information on the environmental aspects of various aquaculture systems, providing a valuable aid to the preparation of environmental impact assessments of aquaculture projects and shows how potential environmental problems can be reduced or mitigated by sound management.



TEXTBOOK

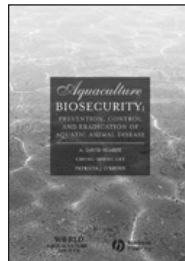
2003, 256 PAGES, HARDBACK, ILLUSTRATED, 1405101679, 978140510677

Aquaculture Biosecurity

Prevention, Control and Eradication of Aquatic Animal Disease

David Scarfe, Cheng-Sheng Lee & Patricia O'Bryan

PUBLISHED IN COOPERATION WITH THE WORLD AQUACULTURE SOCIETY



**** NEW ****

Aquaculture biosecurity programs addressing aquatic animal pathogens and diseases have become an important focus for the aquaculture industry. Disease outbreaks have threatened profitable and viable aquaculture operations throughout the world. Information exchange between leading experts in different countries will increase success in combating infectious diseases.

Key representatives of international, regional and national organizations have presented their views of this important issue as part of a workshop at the World Aquaculture Society Triennial Conference 2004. The chapters of this book cover the wealth of experience from the varied perspectives of these experts on using biosecurity measures to take the offensive against the spread of diseases and parasites.

2006, 188 PAGES, HARDBACK, 0813805392, 9780813805399

Aquaculture Engineering

Odd-Ivar Lekang

**** NEW ****

Worldwide, aquaculture has increased at an average of 9.2% per year for the past 30 years, compared with only a 2.8% per year increase for terrestrial animal farming. Production from fish (and shellfish and algae) farms now comprises 30% of the total of the World's food from our waters and this growth is predicted to continue until at least 2025.

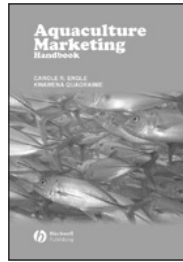
Aquaculture engineering is a key area for all aquatic production facilities and this comprehensive book covers all the main aspects of aquaculture engineering with chapters covering water transport and treatment, production units (e.g. tanks and cages), feeding systems, fish transport and grading, egg handling, instrumentation and monitoring, slaughtering, cleaning and waste handling, construction and design, planning and quality control.

2006, 352 PAGES, HARDBACK, ILLUSTRATED, 1405126108, 9781405126106

The Aquaculture Marketing Handbook

Carole Engle & Kwamena Quagraine

The diversity and idiosyncrasies of the aquaculture and seafood markets call for understanding information that is unique to these markets. Presenting fundamental principles of marketing and economics from a user-friendly, how-to perspective *The Aquaculture Marketing Handbook* provides the reader with a broad base of information regarding aquaculture economics, markets and marketing. In addition, this volume also contains an extensive annotated bibliography and webliography that provide descriptions to key additional sources of information.



**** NEW ****

Written by authors with vast international aquaculture marketing experience, *The Aquaculture Marketing Handbook* is an important introduction and reference tool for those interested in aquaculture, those new to the professional field, and even the most experienced aquaculture professional.

2006, 320 PAGES, PAPERBACK, ILLUSTRATED, 0813816041, 9780813816043

Aquaculture-based Fisheries

Kai Lorenzen

IN PREPARATION

Aquaculture-based fisheries are fisheries based on the regular stocking of cultured organisms into natural or modified aquatic ecosystems, and are complex resource systems at the interface of capture fisheries and aquaculture. Operating for finfish, molluscs and crustaceans in inland and coastal waters, aquaculture-based fisheries represent a significant "niche" form of aquatic resource use.

This book aims to provide a comprehensive and integrated treatment of aquaculture-based fisheries systems. It is written primarily for scientists and professionals involved in the development and management of culture-based fisheries while the integrated and comparative treatment of fisheries and aquaculture aspects will also appeal to other scientists and students.

2007, 352 PAGES, HARDBACK, ILLUSTRATED, 0852382901, 9780852382905

Biogeochemistry of Marine Systems

Edited by Kenneth D. Black & Graham B. Shimmield

"Provides a comprehensive introduction to the major biochemical processes operating in the various systems presented." *Oceanography*

This volume considers issues of marine system resilience, focusing on a range of marine systems that exemplify major global province types but are also interesting and topical in their own right, on account of their sensitivity to natural or anthropogenic change or their importance as ecological service providers.

2003, 384 PAGES, HARDBACK, ILLUSTRATED, 1841273279, 9781841273273
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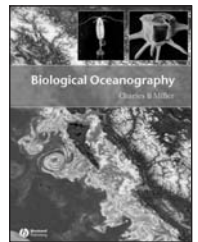
Biological Oceanography

Charles B. Miller

"An excellent introduction to the vast field of biological oceanography."

Botanical Marina

This modern textbook of biological oceanography covers recent developments such as the molecular techniques (including sequence data) that have allowed a re-examination of the ocean's microbial ecology and the role of the various trophic groups in biogeochemical cycling, carbon flow and climate control.



TEXTBOOK

2003, 416 PAGES, PAPERBACK, ILLUSTRATED, 0632055367, 9780632055364

Biology of Freshwater Crayfish

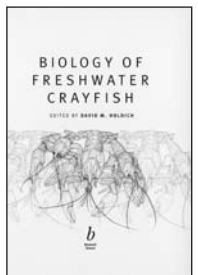
Edited by David Holdich

"As a reference text the *Biology of Freshwater Crayfish* is invaluable." *FISH*

"A beautifully produced and totally comprehensive book... invaluable for students and experts of crayfish alike." *Aquaculture News*

This fully comprehensive book covers all major aspects of these important animals, including taxonomy, anatomy, evolution, growth and reproduction, behaviour, ecology, physiology, conservation, genetics, immunology, environmental aspects, and diseases.

2001, 512 PAGES, HARDBACK, ILLUSTRATED, 063205431X, 9780632054312



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To see our list of journals in Aquaculture, Fisheries, Fish Biology and Aquatic Sciences, please go to pages 15 and 16.

Biotechnology and Genetics in Fisheries and Aquaculture

A. R. Beaumont & K. Hoare

"An excellent introduction to the topic... the many photographs and drawings help illustrate the often complex concepts and techniques that are presented." **World Aquaculture**

"A well-written and concise book." **Aquaculture International**

This comprehensive but easy to use guide covers major areas such as the uses of genetic techniques to study wild fish populations, the application of genetic knowledge to captive breeding programmes and the use of gene transfer in fish to improve quality, and resistance to disease. A must-have guide for fish biologists, fisheries and aquaculture workers, animal geneticists and biotechnologists.

2003, 176 PAGES, HARDBACK, 0632055154, 9780632055159



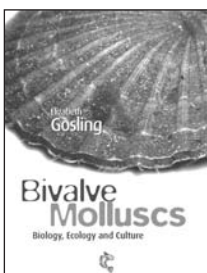
Bivalve Molluscs Biology, Ecology and Culture

Elizabeth Gosling

"This large and comprehensive book is a must read, study or digest for anyone involved with the growing or capture of molluscs." **Fishing Boat World**

Bivalve Molluscs: Biology, Ecology and Culture brings together information on the biology, ecology and conservation, cultivation, fishery and management of the molluscs that are common available (mussels, oysters, scallops and clams). Extensively illustrated, the text is presented in a clear, concise and easy-to-read style.

2003, 456 PAGES, HARDBACK, ILLUSTRATED, 0852382340, 9780852382349



BSAVA Manual of Ornamental Fish

Second Edition

Edited by William H. Wildgoose

This is an area where particular expertise is valued and of great importance not only to clients who keep fish as a hobby, but also to aquatic traders and those involved in public aquaria.

Written for an international audience by experts from the UK and the USA, the *BSAVA Manual of Ornamental Fish, 2nd edition* guides the reader through the vast subject of ornamental fish from a veterinary perspective. At-a-glance tables provide important information in the BSAVA's established accessible style. It is also a first-class resource for non-veterinarians with an interest in fish health.

2001, 312 PAGES, PAPERBACK, ILLUSTRATED, 0905214579, 9780905214573



Cage Aquaculture

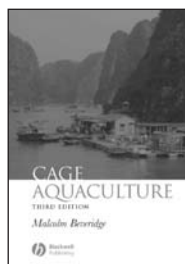
Third Edition

Malcolm Beveridge

Aquaculture is an important means of producing food and as a contributor to global food security. Cage aquaculture too has continued to expand apace. The third edition of this important, useful and well-received book maintains the original aim of providing a thorough synthesis of information on cages and cage aquaculture practices with data and examples encompassing all major world regions.

Fully updated, the book's comprehensive contents include details of the origin and principles of cage aquaculture and an overview of its current position. Contents of the chapters following include key information on cage design and construction, site selection, environmental impacts and environmental capacity, management, and potential problems in cage aquaculture systems. A comprehensive reference list and index are included to help readers.

2004, 376 PAGES, PAPERBACK, ILLUSTRATED, 1405108428, 9781405108423



Carp and Pond Fish Culture

Second Edition

Laszlo Horvath, Chris Seagrave & Gizella Tamas

"[This book] is not matched by anything else available and is a 'must' for practical aquaculturists." **Aquaculture News**

A detailed and practical guide to the principles and practices of farming cyprinid fish using traditional and modern pond culture techniques. The full cycle of fish culture is described, from selection and spawning of broodstock, through techniques of early fry rearing, to growing and harvesting.

2002, 192 PAGES, HARDBACK, ILLUSTRATED, 0852382820, 9780852382820



Centrarchid Fishes

IN PREPARATION

Edited by Steven Cooke & David Philipp

Centrarchid fishes, also known as freshwater sunfishes, include such prominent species as the Largemouth Bass, Smallmouth Bass and Bluegill. They are endemic to Eastern North America where they form part of a multi-million dollar sports fishing industry, but they have also been widely introduced around the globe by recreational anglers, in aquaculture programs and by government fisheries agencies.

Centrarchid Fishes provides comprehensive coverage of all major aspects of this ecologically and commercially important group of fishes. Chapters have been written by well-known and respected scientists and the whole has been drawn together by Professors Cooke and Philipp, themselves extremely well respected in the area of fisheries management and conservation.

2007, 416 PAGES, HARDBACK, ILLUSTRATED, 1405133422, 9781405133422

Cephalopods

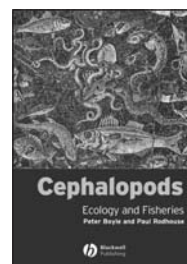
Ecology and Fisheries

Peter Boyle & Paul Rodhouse

The cephalopods (squid and octopus) are an integral part of ocean ecosystems, are heavily exploited as a major human food source in fisheries throughout the world and are important animals used in biological research, in areas such as neuroscience.

This important and comprehensive reference work covers all major aspects of these animals. Biology, reproduction and physiology are covered in depth, as well as much information on the species' interactions in marine ecosystems. A substantial section of the book covers squid and octopus fisheries throughout the world, including fishing methods, and assessment and management aspects of the world's major fisheries, and their catch trends.

2005, 464 PAGES, HARDBACK, ILLUSTRATED, 0632060484, 9780632060481



**** NEW ****

Cod

IN PREPARATION

Edited by David Righton, Julian Metcalfe & George Rose

Not only is the cod one of the most valuable marine food fish, it is also important as a predator in ocean ecosystems and is the subject of a great deal of research into its biology and exploitation. In recent years world stocks of commercially fished cod have collapsed, most famously the Northern cod stocks of the North East Coast of Canada. Now, massively falling catches in the North Sea have led to the recent heavy cuts in catch quotas. This important book is a comprehensive handbook, covering all major aspects of the cod. Written by world experts on the species, this book is an essential purchase for all fisheries scientists, managers and fish biologists.

2007, 352 PAGES, HARDBACK, ILLUSTRATED, 1405119101, 9781405119108

Commercial Fishing

The Wider Ecological Impacts

Edited by G. Moore & S. Jennings

BRITISH ECOLOGICAL SOCIETY: ECOLOGICAL ISSUES SERIES

"This book provides an excellent introduction to some of the crucial issues in regard to the impact of commercial fishing in the marine environment."

Marine Turtle Newsletter

Based on the research expertise of leading scientists, this book provides a lively, timely and accessible account of fishing activities and their impacts on marine habitats, biodiversity and species of conservation concern. It covers fishing methods that range from trawling in the Antarctic to fishing with dynamite in the tropics.

2000, 72 PAGES, PAPERBACK, ILLUSTRATED, 0632056088, 9780632056088



The Conservation Genetics of Atlantic Salmon

**** NEW ****

Implications for Conservation

Edited by E. Verspoor, L. Stradmeyer & J. L. Nielsen

Atlantic Salmon is a cultural icon throughout its North Atlantic range; it is the focus of probably the World's highest profile recreational fishery and is the basis for one of the World's largest aquaculture industries. Despite this, many wild stocks of salmon are in decline and underpinning this is a dearth of information on the nature and extent of population structuring and adaptive population differentiation, and its implications for species conservation.

This important new book will go a long way to rectify this situation by providing a thorough review of the genetics of Atlantic salmon. Sponsored by the European Union and the Atlantic Salmon Trust, this book comprises the work of an international team of scientists, carefully integrated and edited to provide a landmark book of vital interest to all those working with Atlantic salmon.

2006, 416 PAGES, HARDBACK, ILLUSTRATED, 1405115823, 9781405115827

Control of Fish Quality

Fourth Edition

J. J. Connell

1995, 256 PAGES, HARDBACK, 085238226X, 9780852382264

Copepods in Aquaculture

**** NEW ****

Edited by Cheng-Sheng Lee, Patricia O'Bryen & Nancy Marcus

The importance of copepods in aquaculture has long been recognized, especially in the larval rearing of many marine fishes.

This timely publication provides a single source of information on copepod biology, culture methods and practical use in marine finfish hatcheries.

Originating out of a workshop held on copepods by the Oceanic Institute in Hawaii, this proceedings includes review articles and papers presented by leading international experts in copepod biology and aquaculture. It is a seminal work that integrates the most up-to-date information on selecting copepod species, effects of algal species on reproduction, ways to increase production, the nutritional value of copepods, behavioral characteristics of copepods, potential use of copepod nauplii and eggs, and their application to larval rearing of various marine finfish species.

2005, 288 PAGES, HARDBACK, ILLUSTRATED, 0813800668, 9780813800660

Blackwell Publishing Aquaculture and Fisheries Journals

To see our list of journals in Aquaculture, Fisheries, Fish Biology and Aquatic Sciences, please go to pages 15 and 16.

Crustacean Farming Ranching and Culture Second Edition

John F. Wickins & Daniel Lee

"This fine book, which takes a global view, gives a very detailed overview of the problems and most of their potential solutions. Anyone involved with investment in crustacean farming, or its management by government, would be foolish to make a move without first studying this very valuable contribution to the body of knowledge."

Professional Fisherman

"this excellent book... is worth every penny... it is a 'must have' for everyone involved in crustacean aquaculture." **Aquaculture Research**

This book deals with all cultivated crustaceans of commercial significance, shrimp, prawns, crayfish, lobsters, crabs, and spiny lobsters, and examines the criteria by which both the feasibility and desirability of farming proposals are assessed. New to this revision are ranching and re-stocking operations together with the culture of ornamental shrimp and small crustaceans used as live food in fish and shellfish hatcheries.

2002, 464 PAGES, HARDBACK, 0632054646, 9780632054640

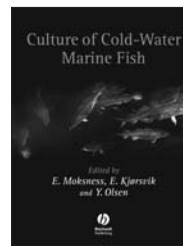


Culture of Cold-Water Marine Fish

E. Moksness, E. Kjørsvik & Y. Olsen

Marine capture fisheries are reaching the limits of their capacity and the need to enhance production is becoming urgent. Fish culture is probably the only way of solving the problem and this book, based on years of pioneering research, covers the biology, nutrition, culture techniques, production, diseases and the maintenance of health, stock enhancement in capture fisheries and sea ranching. Turbot, halibut, sole, cod, wolffish and hake are dealt with in detail and the book ends with a chapter devoted to financial, economic and market analysis.

2004, 544 PAGES, HARDBACK, ILLUSTRATED, 0852382766, 9780852382769



Diseases of Carp and Other Cyprinid Fishes

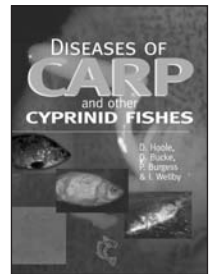
David Hoole, David Bucke, Peter Burgess & Ian Welby

"This books will make an invaluable addition to the library of any institution or individual involved with the study or management of cyprinid fishes." **Fish and Fisheries**

Cyprinids rank as one of the most commercially imported groups of freshwater fishes and are exploited for many purposes.

A thorough understanding of cyprinid health and diseases is fundamental to the successful management and exploitation of these fishes for freshwater fisheries, pisciculture and ornamental productions. This practical guide to disease diagnosis, prevention and control is the work of distinguished experts, includes numerous colour illustrations and covers a comprehensive array of diseases - infectious and non-infectious - of cultivated and wild cyprinids.

2001, 288 PAGES, HARDBACK, ILLUSTRATED, 0852382529, 9780852382529



The Diversity of Fishes

G. Helfman, B. Collette & D. Facey **TEXTBOOK**

This core text for ichthyology courses examines two major themes: adaptation and diversity. This book covers basic fish anatomy, physiology, and phylogeny as well as offering insights into the adaptive significance of anatomical, physiological, ecological, or behavioural traits while emphasizing how these traits affect an individual's probability of survival and reproduction. The authors include numerous lists of species that display particular traits which reflect the parallel evolution among different lineages exposed to similar selection pressures.

1997, 544 PAGES, PAPERBACK, ILLUSTRATED, 0865422567, 9780865422568

Dynamics of Marine Ecosystems

Third Edition

NEW EDITION

K. H. Mann & J. R. N. Lazier

TEXTBOOK

The new edition of this widely respected text provides comprehensive and up-to-date coverage of the effects of biological-physical interactions in the oceans from the microscopic to the global scale. *Dynamics of Marine Ecosystems, Third Edition*, fully considers recent significant developments in this rapidly advancing field. Of particular note is new research suggesting that long-term variability in the global atmospheric circulation affects the circulation of ocean basins, which in turn brings about major changes in fish stocks. This discovery opens up the exciting possibility of being able to predict major changes in global fish stocks.

Written in an accessible, lucid style, it is essential reading for upper-level undergraduates and graduate students studying marine ecology and biological oceanography.

2005, 448 PAGES, PAPERBACK, ILLUSTRATED, 1405111186, 9781405111186

Visit our Aquaculture, Fisheries and Fish Biology website at **www.blackwellfish.com** to keep up to date with the latest news on our full range of Books and Journals, and to find out where you can visit us at key International Conferences.

Eco-labelling in Fisheries

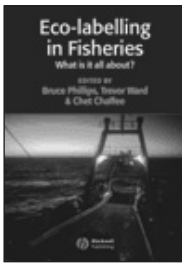
What is it all about?

Edited by **Bruce Phillips, Trevor Ward & Chet Chaffee**

"This excellent book shows how the Marine Stewardship Council came about, how it operates, and where it is going. A very useful book for anyone interested in seafood marketing and sustainable fishery fishing practices." **Professional Fisherman**

This exciting book covers all aspects of the new eco-labelling initiative developed under the sponsorship of the Marine Stewardship Council (MSC). Contents include details of the MSC and its certification framework and implementation, dispute resolution, chain-of-custody assessment and community fisheries certification. Also included are important case studies of the MSC certified fisheries of Australia's western rock lobster, Alaska salmon, Thames herring and New Zealand hoki.

2003, 208 PAGES, PAPERBACK, 0632064226, 9780632064229



Ecological Aquaculture

The Evolution of the Blue Revolution

Edited by **Barry A. Costa-Pierce**

"...required reading for anyone interested in producing aquatic organisms in an environmentally responsible manner; which means it should be read by everyone involved in aquaculture." **National Shellfisheries Association, Quarterly Newsletter**

"This book will get you to thinking about sustainable aquaculture with a can-do outlook. I recommend the book highly." **Aquaculture**

This authoritative text on ecological aquaculture, aquaculture ecosystems, and sustainable aquaculture is in three parts. The first defines how ecological principles are applied to aquaculture, discusses aquaculture as an integral part of aquatic resources management and includes an extensive review by Malcolm Beveridge showing how traditional methods can be developed for ecological aquaculture. The second part covers ecological methods for sustainable hatchery, feeds, water quality, and market approaches to aquaculture. The third part of the book gives the context of ecological aquaculture, reviewing important species that feed low on the aquatic food web or on-farm resources, village-level aquaculture ecosystems, sustainable coastal aquaculture, reservoir ecosystems, and the principles of integrating aquaculture ecosystems into "bioshelters". The book ends with an action plan to develop environmentally sound aquaculture for global food security.

2002, 400 PAGES, HARDBACK, ILLUSTRATED, 0632049618, 9780632049615

Ecology of Coastal Waters

With Implications for Management

Second Edition

TEXTBOOK

K. Mann

Ecology of Coastal Waters with Implications for Management, Second Edition is one of the most up-to-date books available on coastal marine ecosystems. Readers will easily relate to the content of the book as subjects are divided by the environment and scientific principles are applied to steps in the management and the decision making process. This is the ideal text for undergraduate and graduate life science students as well as for practicing professionals.

2000, 432 PAGES, PAPERBACK, ILLUSTRATED, 0865425507, 9780865425507

Ecology of Fresh Waters

Man and Medium, Past to Future

Third Edition

TEXTBOOK

B. Moss

The third edition of this established textbook continues to provide a comprehensive and stimulating introduction to rivers, lakes and wetland and is written as a basis for an entire course on freshwater ecology. Designed for undergraduate and early postgraduate students who wish to gain an overall view of this vast subject area, this accessible guide to freshwater ecosystems and man's activities will also be invaluable to anyone interested in the integrated management of freshwater.

1998, 572 PAGES, PAPERBACK, ILLUSTRATED, 0632035129, 9780632035120

The Economics of Salmon Aquaculture

Trond Bjørndal

This book describes salmon aquaculture production and analyses its impact on salmon markets.

1990, 128 PAGES, PAPERBACK, 0632027045, 9780632027040

The Effects of Fishing on Marine Ecosystems and Communities

Stephen Hall

FISH AND AQUATIC RESOURCES SERIES

Over-exploitation of the world's fish resources receives considerable attention and is a source of justifiable concern. But what about the other problems associated with fishing? Catching fish does much more than simply remove the species of interest; are there knock-on effects for other parts of the system? What incidental damage does fishing cause, and how much do we really know about the consequences of our actions?

As the first volume in the Fish and Aquatic Resources Series, this book aims to draw the available information together into a comprehensive assessment of the issues

1999, 296 PAGES, HARDBACK, ILLUSTRATED, 0632041129, 9780632041121

The Eel

Fifth Edition

Frederich W. Tesch & Ray J. White

Edited by **John Thorpe**

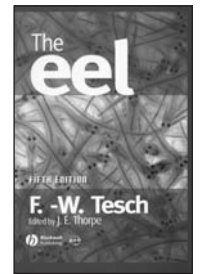
"This is a new translation of an extremely important book. *The Eel* is the standard work on the genus...It is essential reading and a reference for scientists and aquaculturists, eel fishermen, angling clubs and river managers." **Sherkin Comment, Environmental Quarterly of Sherkin Island Marine Station**

The Eel is the standard work on the species with chapters in the book covering body structure and functions, developmental stages and distribution of the eel species, post-larval ecology and behaviour, harvest and environmental relationships, fishing methods, eel culture, diseases, parasites and bodily damage, the world trade in eels and eel processing.

The Fisheries Society of the British Isles provided generous financial support enabling the translation and publication of this book.

Written by F-W Tesch; Translated from the German Edition by R. J. White; Edited by J. E. Thorpe

2003, 416 PAGES, HARDBACK, ILLUSTRATED, 0632063890, 9780632063895



NEW EDITION

Effects of Fishing on Non-target Species and Habitats

Biological, Conservation and Socio-economic Issues

Edited by **M. J. Kaiser & S. J. de Groot**

"This book is an important contribution to fishery science and management, as it clearly demonstrates the impacts of fishing on habitats and non-target organisms." **Fish and Fisheries**

1999, 288 PAGES, HARDBACK, ILLUSTRATED, 0632053550, 9780632053551

Effects of Pollution on Fish

Molecular Effects and Population Responses

Edited by **A. Lawrence & K. L. Hemingway**

"This book will be an important resource for environmental toxicologists and fishery biologists." **Journal of Fish Biology**

This important book looks at the effects of xenobiotics (pollutants) on fish. It is unique in that it not only reviews the literature, but uses the literature to construct a conceptual model linking pollution impacts at the hierarchic levels of organization, from molecular to population and socio-economic, enabling the reader to understand more precisely the consequences of pollutants in the environment. Contributions from internationally-known and respected contributors have been drawn together to provide an exciting and cutting edge reference that should find a place on the shelves of all those working in these areas.

2003, 336 PAGES, HARDBACK, ILLUSTRATED, 0632064064, 9780632064069

Blackwell E-mail Alerts

To join our **FREE** e-mail alerting service, and receive journal tables of contents and / or news of the latest books in your field, please go to **www.blackwellfish.com** and click on 'E-mail Alerting'

Encyclopaedia of Ecology and Environmental Management

Editor-in-Chief **P. Calow**

The *Encyclopaedia of Ecology and Environmental Management* addresses the core definitions and issues associated with pure and applied ecology. It is a comprehensive and contemporary alphabetical guide to over 3,000 topics and allows any particular subject to be accessed to varying levels of detail.

1998, 832 PAGES, HARDBACK, ILLUSTRATED, 0865428387, 9780865428386
1999, 832 PAGES, PAPERBACK, ILLUSTRATED, 0632055464, 9780632055463

Enforcing the Common Fisheries Policy

Ronan Long & Peter Curran

"A useful addition to the library of any person or organisation with an interest in the Common Fisheries Policy." *Fish and Fisheries*

The authors of this text are at the very hub of the Commission's enforcement activities and are thus uniquely placed to provide this in-depth review of how the Common Fisheries Policy (CFP) is enforced throughout the Community together with an appraisal of its successes and failures.

All those who are involved with or affected by the CFP should study this text.

2000, 416 PAGES, HARDBACK, 0852382618, 9780852382615

Environmental Impacts of Aquaculture

Edited by **Kenneth D. Black**

"This book has something for everybody, with excellent coverage of many areas of interest to the academic, administrator, researcher and cultivator." *Aquaculture*



The relationships between the activities of aquaculture and the environment are of economic importance as well as of scientific interest and, for these reasons, a large international research community has developed over the past decade. In this volume, the resultant research is synthesised and critically reviewed, providing a source of reference to the most important recent developments at research and professional level.

2001, 228 PAGES, HARDBACK, ILLUSTRATED, 1841270415, 9781841270418
*NORTH AMERICAN DISTRIBUTION RIGHTS WITH CRC PRESS

FAO Catalogue of Fishing Gear Designs

Second Edition

Edited by **Joachim Scharfe**

PARALLEL TEXTS IN ENGLISH, FRENCH AND SPANISH. 1989, 160 PAGES, HARDBACK, ILLUSTRATED, 0852380984, 9780852380987

Finfish and Shellfish Bacteriology Manual

Kimberley A. Whitman

"[This book has] many features that commend it as a valuable asset in the parasitology laboratory, particularly for those with an interest in fish and shellfish." *Parasitology*

Practical rather than theoretical, this manual is useful for individuals working in aquatic, environmental, and veterinary science, and in aquaculture, public health, and aquatic research. The step-by-step presentation of procedures guides students in aquatic health and newcomers to the diagnostic laboratory while providing a refresher course for the more experienced laboratory employee. Numerous tables and illustrations further assist readers. An accompanying CD-ROM provides color images of relevant bacteria in relevant media, whole plate and close up, to aid in laboratory identification.

2003, 272 PAGES, PAPERBACK, ILLUSTRATED, 0813819520, 9780813819525

Fish Business Management Strategy - Marketing - Development

Andrew Palfreman

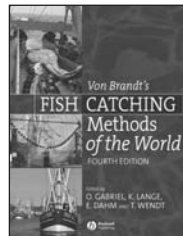
This textbook provides an introduction to business concepts relevant to managing small and medium fisheries and aquaculture enterprises. It has been designed to equip readers with the managerial tools to set up and run their own business.

1999, 288 PAGES, HARDBACK, ILLUSTRATED, 0852382553, 9780852382554

Fish Catching Methods of the World

Fourth Edition

Edited by **O. Gabriel, K. Lange, E. Dahm & T. Wendt**



NEW EDITION

In the sixteen years since the last edition of Von Brandt's classic work was published, fishing and fisheries have undergone vast changes. Not only has there been great progress in the development of new tools, materials and techniques, but the industry has seen an increasing need to address controversial issues such as declining fish stocks, enormous quantities of bycatch and discard and the impact of towed fishing gear on the environment. Fully revised and updated to reflect such changes, the fourth edition of this widely read and popular book offers:

- A unique, comprehensive survey of the evolution of fishing methods throughout the world
- Approximately 750 illustrations showing the extensive range of methods, techniques and equipment used in fishing across the globe
- Fishing gear classified according to the FAO system

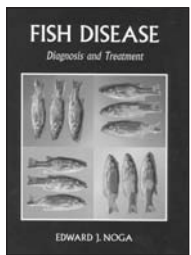
2005, 536 PAGES, HARDBACK, ILLUSTRATED, 0852382804, 9780852382806

Fish Disease

Diagnosis and Treatment

Edward J. Noga

With fish health experts being increasingly called upon to provide answers about disease outbreaks in fishery populations, Dr Noga has compiled the most comprehensive reference book available regarding fish diagnostics. Divided into three sections: methods for diagnosing fish diseases, problem list, and methods for treating fish diseases, the book will guide the reader through the most commonly encountered fish diseases and provide the knowledge to manage those diseases effectively. It can be used by people engaged in fish culture and husbandry, as well as fish diagnostics, research, or teaching.



2000, 378 PAGES, HARDCOVER, 081382558X, 9780813825588

Fish Learning and Behavior

Edited by **Culum Brown, Kevin Laland & Jens Krause**

**** NEW ****

FISH AND AQUATIC RESOURCE SERIES

When people think of animals learning, they are unlikely to think of fishes as the main examples, yet the learning capabilities of fish are impressive, and entirely comparable with those of mammals and other terrestrial animals. *Learning in Fishes* is a timely new book that covers all major aspects of this subject, of great importance not only to animal behaviorists, but also to fish farm managers and fisheries scientists who aim to run commercially successful businesses.

Learning in Fishes has been written by a worldwide team of experts, covering such important aspects as learning of foraging skills (important in understanding how fish feed in captivity), predator recognition by fish, learning in fish orientation, social organisation, cooperation, tool and substrate use, nest building, mate choice, social learning and welfare and pain.

SERIES EDITOR: T J PITCHER

2006, 288 PAGES, HARDBACK, 1405134291, 9781405134293

Fish Products and Processing

W. Horner & R. Robles

IN PREPARATION

Fish and fish-related products are highly perishable. It is, therefore, of paramount importance that the highest standards of handling, processing and preservation are met and maintained from point of capture to retail outlet to ensure that the consumer receives a safe and reliable product of consistent quality. *Fish Products and Processing* offers detailed and practical guidance on processing and preservation techniques and technologies, equipment and methods, and the design and management of plant and ancillary facilities.

2007, 256 PAGES, HARDBACK, 0852381964, 9780852381960

Blackwell Publishing Aquaculture and Fisheries Journals

To see our list of journals in Aquaculture, Fisheries, Fish Biology and Aquatic Sciences, please go to pages 15 and 16.

Fish Reproductive Biology and Recruitment

**** NEW ****

The Link To Stock Assessment and Management

Edited by **T. Jakobsen, M. J. Fogarty, B. A. Megrey & E. Moksness**

The reproductive success and subsequent 'recruitment' of young fish into the exploitable population is the single most important factor for determining annual abundance levels of fishes in major commercial fisheries. This important new book is to argue for stronger linkages between basic and applied research on fisheries recruitment.

The book is divided into four major sections. The first section introduces the reader to the recruitment problem and makes a case for the greater integration of applied and basic research on fisheries recruitment, making these studies relevant to fisheries management. The second section provides information on fisheries biology, population dynamics and how these relate to recruitment. Section three discusses information critical to the rational and successful management and assessment of fisheries. The fourth section deals with the incorporation of reproductive biology and recruitment considerations into management advice and strategies and ends with a chapter on future possibilities and new approaches.

2006, 352 PAGES, HARDBACK, ILLUSTRATED, 1405121262, 9781405121262

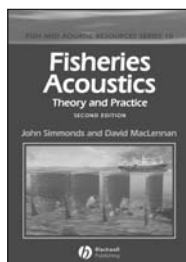
Fisheries Acoustics

Theory and Practice

Second Edition

E. J. Simmonds & D. N. MacLennan

FISH AND AQUATIC RESOURCES SERIES



NEW EDITION

This important book provides thorough coverage of the subject with particular emphasis on practical acoustic methods for fish assessment. It covers the underlying principles and current applications in fisheries research and outline the advantages and limitations of acoustic methods.

This fully updated and revised edition contains much information on new techniques, equipment and their use. It includes important information relating to practical problems of survey design, execution, and interpretation and is illustrated using examples drawn from acoustic surveys on commercially important fish species from many areas of the world.

SERIES EDITOR: T J PITCHER

2005, 456 PAGES, HARDBACK, ILLUSTRATED, 063205994X, 9780632059942

Fisheries Mismanagement

The Case of the North Atlantic Cod

Rognvaldur Hannesson

1996, 168 PAGES, PAPERBACK, 085238243X, 9780852382431

Fisheries Economics

**** NEW ****

Edited by **Trond Bjørndal, Rashid Sumaila, D.V. Gordon & Ragaar Arnason**

Fisheries Economics has been compiled in honour of the work and achievements of Professor Gordon Munro of the University of British Columbia, Canada. The book's chapters each deal in detail with a major issue in the area of fisheries economics and management. It has been written by many of the world's leading fisheries economists and carefully edited by a team headed by Professor Trond Bjørndal.

2006, 384 PAGES, ILLUSTRATED, HARDBACK, 1405141611, 9781405141611

Fisheries Management

IN PREPARATION

Progress Toward Sustainability

Edited by **Tim McClanahan & Juan Carlos Castilla**

The book comprises a selection of carefully chosen case studies, from around the world, that have resulted in successful or improved management of fish stocks. The book commences with a chapter describing the state of the world's fisheries and the factors that have led to global decline. This is followed by a series of case studies providing general principles that could be applied to problem fisheries elsewhere.

2007, 384 PAGES, HARDBACK, ILLUSTRATED, 1405139323, 9781405139328

Fisheries Oceanography

An Integrative Approach to Fisheries Ecology and Management

Edited by **P. Harrison & Dr T. Parsons**

FISH AND AQUATIC RESOURCES SERIES

"This book is recommended as a good introduction to a wide range of subject matter... The bibliography is extensive; it should be a treasure trove for those entering the field. The book should capture the interest of both students and professionals seeking to strengthen the foundation... for an integrative approach to fisheries ecology and management." **Fish and Fisheries**

This book provides vital information for fisheries, scientists, oceanographers, ecologists and environmental scientists, comprehensively covering the subject of fisheries oceanography.

2000, 360 PAGES, PAPERBACK, ILLUSTRATED, 0632055669, 9780632055661

Fishery Science

The Unique Contributions of Early Life Stages

Edited by **Lee A. Fuiman & Robert G. Werner**

There has been explosive growth in research on the early life history of fishes during recent years and it is widely recognised that a full understanding of this aspect of fish life history is vital to the study of fish biology, fisheries and aquaculture. This important book brings together a vast wealth of information in this subject providing a text that will be of great use to upper level students of fisheries science and aquaculture.

2002, 336 PAGES, PAPERBACK, ILLUSTRATED, 0632056614, 9780632056613



TEXTBOOK

Fishes and Forestry

Worldwide Watershed Interactions and Management

Edited by **T. G. Northcote & G. F. Hartman**

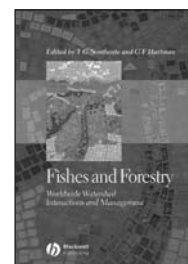
"The first global perspective of fish-forestry interactions. This book is essential reading for any scientist, resource manager, or member of the public interested in forested landscapes." **Bioscience**

"A first class book." **Environmental Reviews**

"As a major reference and research text within the subject it is likely to become a classic." **The Bulletin, British Ecological Society**

The interactions between fishes and forests are complex, multifaceted, dynamic processes involving most inland surface waters, forests, subsurface waters, geology and soils, climate and its changes, and the biotic components of the relevant ecosystems. These interactions also include the aspects of forestry tied to human development, economics, population growth and even philosophies.

2004, 800 PAGES, HARDBACK, ILLUSTRATED, 0632058099, 9780632058099



Fishes in Estuaries

Edited by **M. Elliott & K. L. Hemingway**

"[This] should be the first book to be consulted by anyone, including fishers, scientists and managers, seeking information about estuarine fishes." **Fish and Fisheries**

"Provides a highly practical and valuable synthesis on fishes in estuaries... an excellent standard text."

Journal of Fish Biology

Estuaries provide vital ecosystems for many species of fish to breed, grow, feed and migrate. These habitats are important relating to fish species that are taken commercially whilst either in the estuary, or in marine or freshwater areas at other stages of their life cycle.

In addition, estuarine habitats are amongst the most threatened environments and are subject to many human impacts. This comprehensive book covers in detail the biology and exploitation of estuarine fishes and their habitats.

2002, 656 PAGES, HARDBACK, ILLUSTRATED, 0632057335, 9780632057335

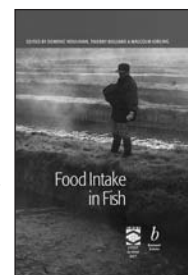
Food Intake in Fish

Edited by **D. Houlihan, M. Jobling & T. Boujard**

"Active researchers and members of the aquaculture industry will find a personal copy invaluable." **Fish and Fisheries**

This most comprehensive book covers in depth all major aspects of food consumption by fish. Areas covered include: food consumption and the choices fish make in determining how much they eat and the impact on growth, reproduction, and flesh quality caused by consumption of various kinds of foods.

2001, 448 PAGES, HARDBACK, ILLUSTRATED, 0632055766, 9780632055766



Flatfishes

Biology and Exploitation

Edited by **Robin N. Gibson**

FISH AND AQUATIC RESOURCES SERIES

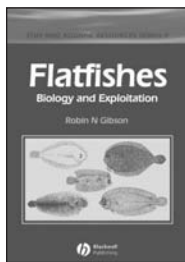
Fascinating and instantly recognisable, flatfishes are unique in their asymmetric postlarval body form. With over 700 extant species recognised and a distribution stretching across the globe this group of fishes are of considerable research interest and provide a major contribution to recreational and commercial fisheries, and to aquaculture, worldwide.

Flatfishes: Biology and exploitation is the only comprehensive and current book in the field and responds to the economic importance and growing body of research to produce an invaluable addition to the Fish and Aquatic Resources Series providing: outlines of systematics, distribution, reproduction, recruitment, ecology and behaviour; descriptions of the major fisheries and their management; and full coverage of recent advances in aquaculture and stock enhancement

This book is essential reading for fish biologists; fisheries scientists; marine biologists; ecologists and environmental scientists; aquaculture personnel and government workers in fisheries and fish and wildlife departments.

SERIES EDITOR: T J PITCHER

2005, 416 PAGES, HARDBACK, ILLUSTRATED, 0632059265, 9780632059263



*** NEW ***

Food Safety in Shrimp Processing

A Handbook for Shrimp Processors, Importers, Exporters and Retailers

L. Kanduri & R. A. Eckhardt

"The book is essential for anyone involved in the handling and processing of shrimps and prawns."

Aquaculture

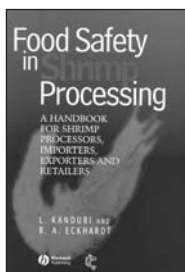
"For anyone who wants, or needs to understand how HACCP principles are used in the shrimp industry ... Recommended." **E-streams**

Hazard Analysis Critical Control Point (HACCP) is a vital tool in many industries, and particularly in the food industry as a food safety monitoring tool.

The shrimp farming and processing industries are seeing real benefits from the implementation of HACCP programs. This text gathers together the full details of the HACCP process and its application with the shrimp processing business.

This excellent and practically-orientated book which will enable all those involved with shrimp processing to understand the HACCP process and to begin its implementation within their business.

2002, 184 PAGES, HARDBACK, ILLUSTRATED, 0852382707, 9780852382707



Freshwater Ecology

A Scientific Introduction

G. Closs, A. Boulton & B. Downes

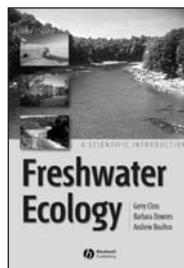
"[This book] will undoubtedly be well received by students as a primary introduction to the fascinating world on freshwater ecological research." **Hydrobiologia**

"Should be required reading for every college senior and every new graduate student in the aquatic arena." **Journal of the North American Benthological Society**

This is the only freshwater ecology textbook that is specifically aimed at an introductory level. It provides students with an introduction to the key concepts in freshwater ecology and to scientific methodology and its application to the study of ecology.

This excellent text covers key ecological questions in a freshwater context, such as the impact of humans on freshwater ecosystems.

2003, 240 PAGES, ILLUSTRATED, 063205266X, 9780632052660



TEXTBOOK

Freshwater Fish

Bent J. Muus

This revision of a 'classic' includes comprehensive information on over 200 European and North American species. The text includes over 700 superb colour illustrations and a map of distribution for each entry. In addition, sections on fishing method and fish biology are included. This is an essential illustrated reference guide to professionals and students with an interest in freshwater fish.

1999, 224 PAGES, HARDBACK, ILLUSTRATED, 8790787013, 9788790787011

Freshwater Fisheries Management

IN PREPARATION

Edited by **Ian Welby**

The correct management of freshwaters and their fisheries is vital to ensure environmental protection and an appropriate level of stocking densities of healthy fish in designated angling water bodies. This important book, which is aimed primarily at fisheries managers and those considering buying or building lakes for fisheries, provides detailed information which is essential for all those involved in the area.

The contents of this very useful and comprehensive book have been written by practising fisheries managers and scientists and include basic principles in fisheries ecology, in management and in fish stock assessment. Chapters also include coverage of how conditions can be improved and fisheries enhanced through the use of nutrient management, habitat improvement and conservation, with important case study details included. Chapters on fisheries and the law and business best management practices are also included.

2007, 360 PAGES, HARDBACK, ILLUSTRATED, 1405133325, 9781405133325

Freshwater Prawn Culture

Edited by **Michael New & Wagner Valenti**

"A truly marvellous book." **Crustacean**

"A comprehensive volume relating to topics relevant to the culture of freshwater prawn." **Aquaculture International**

Comprising the contributions of more than twenty distinguished international experts selected from the scientific, development and commercial sectors, this is destined to become the definitive work on the culture of *Macrobrachium rosenbergii*. This text discusses the sustainability of freshwater prawn farming compared to marine shrimp farming - a sector of aquaculture which is under considerable attack from environmentalists.

Freshwater Prawn Culture is the ultimate book on this topic and a 'must' for the shelves of every research worker, university lecturer, extension agent, businessman and farmer with an interest in the farming of crustaceans.

2000, 464 PAGES, HARDBACK, ILLUSTRATED, 0632056029, 9780632056026



Fundamentals of Aquatic Ecology

Second Edition

R. S. K. Barnes & K. H. Mann

Fundamentals of Aquatic Ecology describes the fundamental features common to all aquatic systems, both marine and freshwater. This unique synthesis allows for the discussion of ecological processes comparatively, across environments.

1991, 280 PAGES, PAPERBACK, ILLUSTRATED, 0632029838, 9780632029839

Genetics in Sustainable Fisheries Management

Edited by **Saleem Mustafa**

1999, 240 PAGES, HARDBACK, ILLUSTRATED, 0852382634, 9780852382634

Geostatistics for Estimating Fish Abundance

J. Rivoirard, N. Bez, P. Fernandes, K. Foote & J. Simmonds

"A significant contribution towards better understanding, and hopefully more sustainable management, of our global fish resources." **Fish and Fisheries**

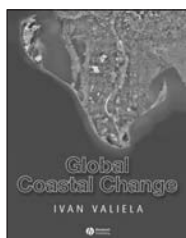
Recently, geostatistics has been applied to fishery science and consequently new developments have been required to extend and validate their application. This important book describes the fundamentals of geostatistics and how they are applied to fisheries survey data for fish stock assessment. *Geostatistics* is a tool that will be invaluable for all those involved in fisheries research.

2000, 216 PAGES, HARDBACK, ILLUSTRATED, 0632054441, 9780632054441

Global Coastal Change

Ivan Valiela

Global Coastal Change provides a comprehensive overview of the environmental factors changing the marine systems of the world including atmospheric changes, sea level rise, alterations in freshwater and sediment use and transport, toxins, overfishing, alien species, and eutrophication. It includes case studies providing real-world examples, detailed reviews of the evidence of changes and possible solutions; and brings together a wealth of important information about our changing marine environments.



**** NEW ****

2006, 352 PAGES, PAPERBACK, ILLUSTRATED, 1405136855, 9781405136853

Goldfish Varieties and Genetics

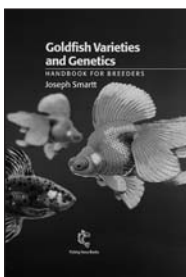
Handbook for Breeders

J. Smartt

"Well illustrated with precise drawings and colourful plates, and should be of great interest." *Fish and Fisheries*

There is intense interest in the goldfish not only in Europe and North America but also in Japan and the Far East. The number of varieties is enormous and this practical manual will be welcomed not only by professional breeders but also researchers and enthusiastic amateur breeders.

It has recently been realised that goldfish are polyploid; previous attempts to analyse inheritance patterns on a diploid model were therefore only partially successful. This new text is, perhaps, the first attempt to explain the genetics of a polyploid fish.



2001, 224 PAGES, HARDBACK, ILLUSTRATED, 0852382650, 9780852382653

Handbook of Environmental Risk Assessment and Management

Edited by P. Calow

1997, 600 PAGES, HARDBACK, ILLUSTRATED, 0865427321, 9780865427327

Handbook of Fish Biology and Fisheries

Edited by Paul J. B. Hart & John D. Reynolds

"It is a nicely produced book that can be recommended without reservation to both aspiring and established fisheries biologists." *Journal of Fish Biology*

The first volume, subtitled *Fish Biology*, reviews a broad variety of topics from evolutionary relationships and global biogeography to physiology, recruitment, life histories, genetics, foraging, reproductive behaviour and community ecology. Volume two, *Fisheries*, focuses on a wide range of topics including the history of fisheries science, methods of capture, marketing, economics, major models used in stock assessments and forecasting, ecosystem impacts, marine protected areas and conservation.

Together, these books present the state of the art in our understanding of fish biology and fisheries and are valuable references for undergraduates and graduates looking for a comprehensive source on a wide variety of topics in fisheries science. They are also useful to researchers and decision makers who need to appreciate the scientific background for management and conservation of aquatic ecosystems.

VOLUME I, 2002, 432 PAGES, HARDBACK, ILLUSTRATED, 0632054123, 9780632064830
 VOLUME II, 2002, 424 PAGES, HARDBACK, ILLUSTRATED, 063206482X, 9780632054121
 TWO VOLUME SET, 2002, 856 PAGES, 0632064838, 9780632064823

Handbook of Freshwater Fishery Biology: Volumes I, II, and III

Kenneth E. Carlander

These volumes have, for over 30 years, been the most readily available source listing the scattered articles, theses, bulletins, and research on freshwater fish in the United States and Canada.

The *Handbook of Freshwater Fishery Biology* summarizes the available data on age, growth, length, weight, fecundity, reproductive behaviour, feeding habits, and necessary environment for each freshwater species. The comparison of species is presented in a manner easily used by fishery managers and biologists.

1969, VOLUME I: 752 PAGES, PAPERBACK, 0813823358, 9780813823355
 1977, VOLUME II: 432 PAGES, PAPERBACK, 0813806704, 9780813806709
 1997, VOLUME III: 418 PAGES, HARDBACK, 0813829992, 9780813829999

Handbook of Microalgal Culture Biotechnology and Applied Phycology

Edited by Amos Richmond

"I would recommend this as a textbook for undergraduates and postgraduates interested in algal biotechnology." *Journal of Applied Phycology*

Microalgae are now commercially grown across a number of situations and systems. This important book provides thorough coverage of the biology, ecology and interaction with the environment of cultured microalgal species, details of the culture systems used and information about the current and potential future uses of microalgae.



2003, 576 PAGES, HARDBACK, ILLUSTRATED, 0632059532, 9780632059539

Health Maintenance and Principal Microbial Diseases of Cultured Fishes

John A. Plumb

Infectious diseases are among the greatest constraint to the expansion and realisation of the full potential of aquaculture. This valuable reference text concentrates on the infectious viral and bacterial diseases most important in aquaculture, and also addresses their existence in natural environments. The author organises the viral and bacterial diseases of fish into groups or families that are most extensively cultured. Dr. Plumb creates a balance between diseases of warmwater, coolwater, and coldwater fishes, and presents information on important disease problems not only in North America but also around the world.

1999, 344 PAGES, HARDBACK, 081382298X, 9780813822983

Immunodetection Methods in Aquaculture

IN PREPARATION

Edited by Alexandra Adams, Kim D. Thompson, David J. Morris & Rodney Wootten

The continuing expansion of aquaculture means that effective fish health control and disease diagnosis is more vital than ever. The first in a new series, this book provides a comprehensive guide on the seven main methodologies of immunodetection and their applications, including detailed examples and standard operating procedures. The book is well illustrated with line drawings and photographs. The book contains explanations of variations in the methods, where to obtain reagents, how to interpret results and information given on the disadvantages and advantages of the various techniques. Contents include details of techniques of agglutination and simple serology, immunohistochemistry, immunofluorescence techniques, ELISA, Western blot, dot blot, and immunogold electron microscopy.

This book provides cutting edge information in a step-by-step and user friendly way. It is an essential purchase for personnel involved in all aspects of fish health.

2007, 176 PAGES, HARDBACK, ILLUSTRATED, 140510726X, 9781405107266

Inland Fisheries

Ecology and Management

Robin Welcomme

"Inland fisheries are a complex subject that is well covered in this first rate book." *Fishing Boat World*

"An essential reference for those involved in inland fisheries management." *Aquaculture*

Trends in resource use and environmental impact are very evident in inland waters which are particularly vulnerable as they act as collectors of all the activities occurring in their basins and rank as some of the most endangered ecosystems in the world. The principle changes influencing the evolution of the aquatic resource for fisheries are described in this book, which has been compiled for the Food and Agriculture Organization of the United Nations.



2001, 384 PAGES, HARDBACK, ILLUSTRATED, 0852382847, 9780852382844



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Intensive Fish Culture

Chris Weeks & Harry Westers

IN PREPARATION

Intensive Fish Culture approaches the topic of intensive fish farming bio-energetically in a comprehensive and logical sequence, defining principles applicable to any species reared intensively in any type of production system world wide. As such it is an essential text for students and tool for practitioners in aquaculture internationally.

Arising from courses taught to a variety of personnel over a 30-year period, this important work has been tried and tested by students and professionals alike.

2007, 360 PAGES, PAPERBACK, ILLUSTRATED, 140513092X, 9781405130929

Intensive Fish Farming

C. Jonathan Shepherd & Niall Bromage

"This careful examination of the farming of a large number of different fish species sheds considerable light on ways in which fish farmers can successfully determine their optimum stocking levels."

Professional Fisherman

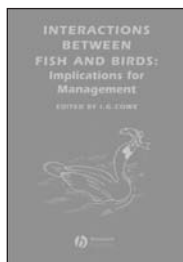
1992, 416 PAGES, PAPERBACK, ILLUSTRATED, 063203467X, 9780632034673

Interactions Between Fish and Birds

Implications for Management

Ian G. Cowx

"This publication is an important addition to the fish management literature." *FISH*



The interactions between wild bird populations and fish, particularly those under commercial culture or part of a fishery is the subject of much controversy. Ecological, environmental and conservation pressures run alongside commercial pressures. This exciting book draws together contributions from all over the world to provide a fascinating insight into many case studies and conflicts in managed situations as well as looking at the overall ecology of such interactions in normal un-managed ecosystems.

2003, 384 PAGES, HARDBACK, ILLUSTRATED, 0632063858, 9780632063857

Introduction to Marine Ecology

Third Edition

R. S. K. Barnes & R. N. Hughes

Based on a wealth of international teaching expertise, *Introduction to Marine Ecology* is written as a basis for an entire undergraduate course in marine biology or ecology. It covers the trophic, environmental and competitive interactions of marine organisms, and the effects of these on the productivity, dynamics and structure of marine systems. The strength of the book lies in its discussion of core topics which, despite an increasing emphasis on more applied aspects, remains at the heart of the majority of courses in the subject.

1999, 296 PAGES, PAPERBACK, ILLUSTRATED, 0865428344, 9780865428348

Invertebrate Medicine

Gregory Lewbart

Invertebrate Medicine is the single most comprehensive resource available today on invertebrate animal medicine. Public and private aquarists, aquaculturists, and veterinarians in zoo animal, exotic animal and laboratory medicine will all find this book an irreplaceable source of information on many of the animals they care for or treat. Coverage includes sponges, jellyfish, anemones, corals, mollusks, starfish, sea urchins, crabs, crayfish, lobsters, shrimp, hermit crabs, spiders, scorpions, and dozens more.

Although coverage is broad, emphasis is on invertebrates harvested for food or kept in captivity as pets, for display, or as research animals. The book's organization is easy to follow, with chapters dividing up invertebrates taxonomically. Each chapter includes the natural history of the group, anatomy and physiology, environmental disorders, analgesia, anesthesia and surgery, treatment protocols and formularies. Amply illustrated in color and black & white, *Invertebrate Medicine* is sure to become the classic reference on the subject.

2006, 496 PAGES, HARDBACK, ILLUSTRATED, 0813818443, 9780813818443

Krill: Biology, Ecology and Fisheries

Edited by I. Everson

"Of great value for anyone interested in thorough and up-to-date information about krill." *Fish and Fisheries*

FISH AND AQUATIC RESOURCES SERIES

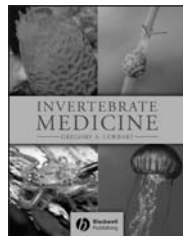
Krill are relatively small, shrimp-like filter-feeding crustaceans important in the diets of many whales, seals, sea birds, fish and squid. In recent years, large-scale krill fishing has been undertaken in the Southern Oceans, in Japanese waters and on a smaller scale in Canadian waters. The harvested krill are converted to a variety of products and marketed as fishmeal, feed for aquaculture and for direct human consumption. Krill, being in the middle of several food chains, present intriguing problems for resource management and have highlighted the need for a thorough ecosystem approach. This important book covers the biology, ecology and commercial exploitation of krill. Chapters have been written by international experts providing a vital reference source for all those with an interest in the area.

2000, 384 PAGES, HARDBACK, ILLUSTRATED, 0632055650, 9780632055654



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**** NEW ****

The Lakes Handbook

(Vol 1): Limnology and Limnetic Ecology

(Vol 2): Lake Restoration and Rehabilitation

Edited by Patrick O'Sullivan & Colin Reynolds

"A powerful text of such scope and calibre as to set a benchmark for limnatic ecology." *African Journal of Aquatic Science*

"The Lakes Handbook is a valuable contribution to the understanding of limnology...highly recommended!" *Environews*

The Lakes Handbook provides an up-to-date overview of the application of ecologically sound approaches, methods and tools using experience gained around the world for an understanding of lakes and their management. Volume one of the Handbook addresses the physical and biological aspects of lakes pertinent to lake management. Volume two then considers lake management, with particular emphasis on sustainability, restoration and rehabilitation.

VOL 1: 2003, 712 PAGES, HARDBACK, ILLUSTRATED, 0632047976, 9780632047970
VOL 2: 2004, 568 PAGES, HARDBACK, ILLUSTRATED, 063204795X, 9780632047956
TWO VOL SET: 1280 PAGES, HARDBACK, ILLUSTRATED, 0632047941, 9780632047949

Live Feeds in Marine Aquaculture

Edited by Josianne Støttrup & Lesley McEvoy

"I would recommend this book most highly for anyone interested in marine aquaculture."

Aquaculture News

"Provides an excellent review of the topic and contains a considerable amount of how-to information." *World Aquaculture*

"A good reference source and...a useful addition to the shelves, not only for aquaculturists but also for applied phycologists." *Journal of Applied Phycology*

This manual provides comprehensive coverage of the biology, culture methods and uses of live prey species in aquaculture. These species, which include shrimps, algae and copepods, are cultured and fed to fish mainly in marine culture systems. They are mostly used in feeding very young larval fish and in many cases there are no satisfactory alternatives to using live feeds. This book should be of great value to all those involved with fish hatcheries, larval fish rearing for commercial aquaculture and restocking and fish breeding for university research centres and stations.

2003, 336 PAGES, HARDBACK, ILLUSTRATED, 0632054956, 9780632054954

Longlining

Asmund Bjordal & Svein Lokkeborg

1996, 168 PAGES, HARDBACK, ILLUSTRATED, 0852382006, 9780852382006

Lobsters: Biology, Management, Aquaculture and Fisheries

Edited by **Bruce Phillips**

**** NEW ****

This is an extremely comprehensive book covering the major commercially exploited species of lobsters worldwide. Divided into two major parts, Part I contains general chapters on growth, development and reproduction, behaviour, phylogeny and evolution, pathogens, parasites and commensals, nutrition, and ecology. Part II contains chapters on each of the lobster genera of commercial importance, with the contents of each chapter covering all aspects of life history, farming, harvesting and management. The book is completely internationally applicable with 29 contributing experts from around the globe and contains information of commercial importance to both lobster harvesters and farmers.

2006, 576 PAGES, HARDBACK, ILLUSTRATED, 1405126574, 9781405126571

Management and Ecology of Lake and Reservoir Fisheries

Edited by **Ian G. Cowx**

International experts in fisheries management and ecology review and appraise the status of lake and reservoir fisheries, assessment of fisheries yields, trophic ecology, rehabilitation and conservation, including a special section on African lakes where so much information of huge relevance to fisheries managers is now available

2002, 416 PAGES, HARDBACK, ILLUSTRATED, 0852382839, 9780852382837

Management and Ecology of River Fisheries

Edited by **Ian G. Cowx**

"This text...deserves a place in the library of any organisation concerned with this area of fisheries science." *Fisheries Research*

International experts in fisheries management and ecology review and appraise the status of river fisheries, assessment methodology, constraints on development, issues and options regarding management and associated problems in both temperate and tropical countries.

2000, 456 PAGES, HARDBACK, ILLUSTRATED, 0852382502, 9780852382509

Management of Shared Fish Stocks

Edited by **Andrew I. L. Payne**

"An excellent reflection on the complexity of the problems of the management of shared fish stocks." *Archive of Fishery and Marine Research*

This important book, supported by CEFAS, UK, contains important contributions from some of the worlds leading specialists. It is an essential purchase for all fisheries stockists.

2004, 384 PAGES, HARDBACK, ILLUSTRATED, 1405106174, 9781405106177

Manual of Salmonid Farming

Stephen Willoughby

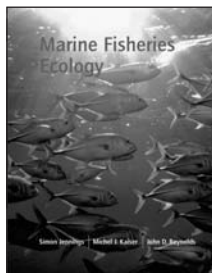
This handbook is a benchmark reference to the many technical aspects of salmon and trout farming, the varied issues of growth and development, operational and administrative concerns, disease prevention and treatment and much, much more.

1999, 344 PAGES, HARDBACK, ILLUSTRATED, 0852382456, 9780852382455

Marine Fisheries Ecology

Simon Jennings, Michel J. Kaiser & John D. Reynolds

"This book, better than any other single volume I know at present, covers topics that will be important in future ecosystem-based management of fisheries." *Fish and Fisheries*



TEXTBOOK

This topical and exciting textbook describes fisheries exploitation, biology, conservation and management, and reflects many recent and important changes in fisheries science.

2001, 432 PAGES, PAPERBACK, ILLUSTRATED, 0632050985, 9780632050987

Marine Mammal Biology An Evolutionary Approach

A. Rus Hoelzel

"An authoritative and up-to-date account of our understanding of the biology of marine mammals...I know that I will be reaching for it often." *Marine Mammal Science*

This volume brings together some of the best known and respected experts in the field of marine mammal biology to provide a cohesive and accessible text. A very broad scope of topics and examples are presented in an integrated analysis of all of the species that are classified as marine mammals. Chapters are fully cross-referenced and illustrated, and the citations are numerous and current. Students of marine biology, ecology and evolution, and professionals with an interest in marine mammals, evolutionary pattern and process, zoology and ecology will find this essential reading.

2002, 448 PAGES, PAPERBACK, ILLUSTRATED, 0632052325, 9780632052325

Migration of Freshwater Fishes

Edited by **Martyn Lucas & Etienne Baras**

With contributions from **Tim Thom, Ondrej Slavik & Annie Duncan**

"This text is almost certainly the most comprehensive and up-to-date one there is on the subject of freshwater fish migration and is bound to become the standard reference work." *Fisheries Research*

This important new title provides comprehensive information on a large range of species and the migratory journeys that they undergo.

2001, 440 PAGES, HARDBACK, ILLUSTRATED, 0632057548, 9780632057548

Marine Ornamental Species

Collection, Culture, & Conservation

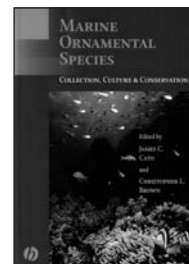
James C. Cato & Christopher Brown

Marine Ornamental Species:

Collection, Culture and Conservation is a comprehensive resource containing information on the growing and economically important marine ornamental industry. Experts address current issues from a global perspective, covering the full-range of topics from world economics and product demand, to aquatic animal health, to ethnic and social/cultural concerns.

The value of and the interest in marine ornamentals from many governments as well as conservation organizations underline the critical need for this book. It is also essential reading for scientists involved in marine biology and conservation issues, aquarists at public and private aquaria, tropical fish farmers, advanced hobbyists, fishery biologists, importers and exporters of marine ornamentals, commercial collectors, veterinarians who specialize in fish disease, and businesses that manufacture or sell aquarium media, equipment, and feed.

2003, 444 PAGES, HARDBACK, ILLUSTRATED, 0813829879, 9780813829876



Methods for Study of Marine Benthos

Third Edition

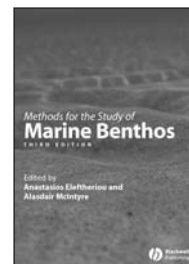
Edited by **A. Eleftheriou & A. McIntyre**

Ecosystems of the benthic environment are a sensitive index to ecological change, and as such demand long-term and effective monitoring. *Methods for the Study of Marine Benthos* provides comprehensive information on the tools and techniques available to those working in areas where the declining health of the sea, depletion of marine resources and the biodiversity of marine life are major concerns.

In response to the need for increasingly detailed information on bottom-living communities, this fully revised new edition offers contributions from a broad range of internationally recognised experts; new information for those compiling environmental impact statements, pollution assessments and working with eco-system management; and two separate chapters on Imaging Techniques and Diving Systems

A vital tool for all marine and environmental scientists, ecologists, fisheries workers and oceanographers, libraries in all universities and research establishments where these subjects are studied and taught will find this book a valuable addition to their shelves.

2005, 440 PAGES, HARDBACK, ILLUSTRATED, 0632054883, 9780632054886



NEW EDITION

Molluscan Shellfish Farming

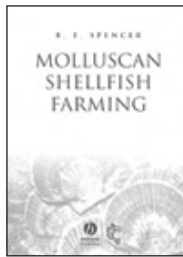
Brian Spencer

"This book should provide valuable information to commercial growers, students and others involved in molluscan aquaculture."

Aquaculture

This important book covers the general biology of bivalves, hatchery culture methods and specific and comprehensive details of the cultivation of many commercially important species. Part of this book is based on a Buckland Lecture, sponsored by the Buckland Trustees

2002, 296 PAGES, HARDBACK, ILLUSTRATED, 085238291X, 9780852382912

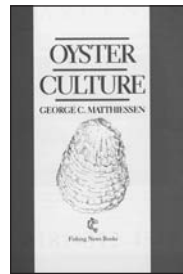


Oyster Culture

George Matthiessen

Oyster farming is a highly commercially important business across many world regions including North America, the Far East, Western Europe and the Indo-Pacific region. Although oysters are seen as a luxury food and command high prices they are now available in most good seafood restaurant across the globe. This important book provides comprehensive coverage of all the major oyster culture techniques in use throughout the world and contains a huge wealth of information on history, production, diseases and development in culture systems. It is a vital manual and reference for all those involved in this multi-billion dollar industry.

2000, 176 PAGES, HARDBACK, ILLUSTRATED, 0852382790, 9780852382790



Phytoplankton Productivity

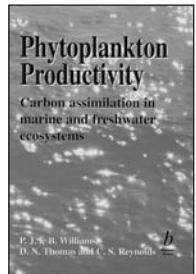
Edited by Peter Williams, David Thomas & Colin Reynolds

"[This book] will be of particular value to those in aquaculture in which plankton plays a part in production." **Aquaculture**

This exciting book summarises the development, present state and future of broad topics in both freshwater and marine plankton productivity, which is the cornerstone for all aquatic ecosystems.

All major topics important to the area are covered both from a marine and freshwater standpoint.

2002, 400 PAGES, HARDBACK, ILLUSTRATED, 0632057114, 9780632057115



Multilingual Illustrated Guide to the World's Commercial Coldwater Fish

Claus Frimodt

1995, 264 PAGES, HARDBACK, ILLUSTRATED, 0852382138, 9780852382134

Multilingual Illustrated Guide to the World's Commercial Warmwater Fish

Claus Frimodt

1995, 240 PAGES, HARDBACK, ILLUSTRATED, 0852382146, 9780852382141

Each of these two books covers over 150 species of fish, with all essential information conveyed by means of tables and diagrams. A superb full-colour illustration is followed by a description of the species and an overview of its economic importance.

The Ocean Life of Atlantic Salmon

Environmental and Biological Factors Influencing Survival

Edited by Derek Mills

"Anyone involved with commercial salmon fisheries needing to know everything they can about Atlantic salmon should find this book a good place to start." **Fishing Boat World**

1999, 240 PAGES, HARDBACK, ILLUSTRATED, 0852382715, 9780852382714

Organic Aquaculture **IN PREPARATION**

The Emergence of a New Sustainable Industry

Deborah Brister

Although aquaculture is one of the world's fastest growing food sectors, the industry has lagged behind general agriculture in the production of certified organic products. This deficit can be alleviated by setting feasible standards, identifying a marketable species to culture, providing growers with the knowledge to accomplish the process, and increasing consumer awareness of the availability of organic aquatic produce.

2007, 224 PAGES, HARDBACK, ILLUSTRATED, 0813826292, 9780813826295

Percid Fishes

Systematics, Ecology and Exploitation

John Craig

FISH AND AQUATIC RESOURCES SERIES

"[This book] will become the standard text on percids...an invaluable source of classic and contemporary material." **Fish and Fisheries**

Percid Fishes covers aspects such as systematics, morphology, biology, ecology, diseases and parasites and the economic importance of percid fishes. It is a unique text which will prove to be of immense value to fish biologists and ecologists; fisheries managers, environmental scientists, and fish and wildlife personnel. Special emphasis is placed on the complex relationships between this family of fishes and their environment and how they respond to perturbations - especially those induced by humans.

2000, 368 PAGES, HARDBACK, ILLUSTRATED, 0632056169, 9780632056163

Phycotoxins

**** NEW ****

Chemistry and Biochemistry

Edited by L. Botana & Y. H. Hui

For centuries, mankind has been aware that some edible and non-edible marine products contain toxins or poisons. Such harmful substances come from many sources - pollution, bacteria, seaweeds, algae, and others. The word phycotoxins means toxins made by certain seaweeds and algae.

Phycotoxins: Chemistry and Biochemistry presents the most updated information available on phycotoxins. Major emphases are given to chemistry and biochemistry, while minor emphases are given to the aspects of origin, mechanism of action, toxicology, and analytical methodology. The detailed information on chemistry in *Phycotoxins: Chemistry and Biochemistry* will provide investigators an updated basis on which research in other areas such as toxicology, mechanism of action, analytical methodology, pharmacology can be successfully developed and expanded.

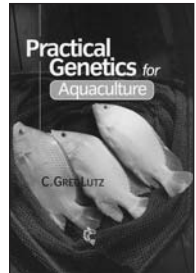
2006, 480 PAGES, HARDBACK, ILLUSTRATED, 0813827000, 9780813827000

Practical Genetics for Aquaculture

C. Greg Lutz

This important book provides clear details of the available scientific information and the direct application of techniques under simple and practical situations.

2001, 256 PAGES, HARDBACK, ILLUSTRATED, 0852382855, 9780852382851



Recreational Fisheries

Social, Economic and Management Aspects

EIFAC/FAO

Edited by P. Hickley & H. Tompkins

1998, 336 PAGES, HARDBACK, ILLUSTRATED, 0852382480, 9780852382486

Recreational Fisheries

Ecological, Economic, and Social Evaluation

Edited by Tony J. Pitcher & Charles Hollingworth

FISH AND AQUATIC RESOURCES SERIES

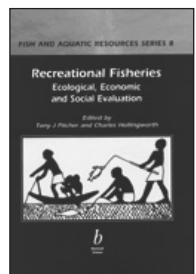
"Recommended to both scientists and enthusiastic anglers all over the world." **Journal of Fish Biology**

"A valuable guide for anyone active in management, assessment, policy making or development of sport and recreational fisheries worldwide." **Aquaculture**

This important book illustrates how costs and benefits of recreational fishing are evaluated at regional, national and international levels, using surveys from four continents and appropriate supporting material. Drawing together international contributions, the book covers a range of methods, case studies and perspectives focussed on the multidisciplinary evaluation of the benefits and costs of sport fisheries.

SERIES EDITOR: T J PITCHER

2002, 288 PAGES, HARDBACK, ILLUSTRATED, 0632063912, 9780632063912



The Salmon Aquaculture Industry

IN PREPARATION

T. Bjørndal & F. Asche

This book has been written to satisfy the need for a text on the international salmon aquaculture industry. It discusses the different processes making up the industry from salmon aquaculture production, the supply chain and markets to optimal harvesting and the costing and planning of salmon production.

2007, 256 PAGES, HARDBACK, ILLUSTRATED, 0852382898, 9780852382899

Salmon at the Edge

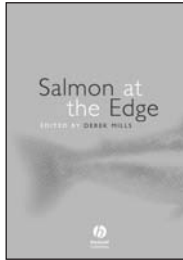
Edited by Derek Mills

"I would recommend this book to anyone with an interest in Atlantic salmon and I agree... that it is 'essential reading' for students and professionals involved with research or management of salmonid fishes or with salmon aquaculture." *Hydrobiologia*

This prestigious book contains important information concerning the exploitation and conservation of Atlantic salmon, one of the world's most commercially important species both as a wild-caught and farmed fish.

Carefully edited by Dr. Derek Mills, one of the world's leading salmonid biologists and well known editor of many publications covering salmon, this book covers such important topics as the all-important early life stages of salmon, the search for sustainability in salmon farming and hazards to salmon, such as predators, pollution and algal blooms. The book concludes with a fascinating section looking at pointers for the future. All salmonid researchers should have a copy of this book on their shelves.

2003, 320 PAGES, HARDBACK, ILLUSTRATED, 0632064579, 9780632064571



Salmonid Fishes

Population Biology, Genetics and Management

Y. P. Altukhov, E. A. Salmenkova & V. T. Omelchenko

(English translation edited by J. Thorpe & G. Carvalho)

FISH AND AQUATIC RESOURCES SERIES

This important title encompasses features of genetic processes in complexly organised populations of salmonids - one of the most commercially valuable families of fish. Translated from the original work in Russian, the authors have taken the opportunity to update and revise the work, much of which appears in the English language for the first time. This newly revised text provides a wealth of information for fisheries biologists, and all involved in salmonid biology and management.

2000, 368 PAGES, HARDBACK, ILLUSTRATED, 0632055871, 9780632055876

Scallop Farming

NEW EDITION

Second Edition

David Hardy

Scallop farming continues to be an expanding industry in many countries, providing an important source of food and revenue. Over fishing of wild-caught scallops has caused a decline in stocks, but the market for scallops is increasing worldwide. This is providing an ever-increasing platform on which new scallop farming ventures can be based.

This important second edition contains much new information relating to the technical, environmental and legislative aspect of culture of scallops. Fully revised and updated with a great deal of information vital to successful scallop farming operations, this book will be an essential purchase for all those involved in the scallop farming industry.

2006, 288 PAGES, HARDBACK, ILLUSTRATED, 1405113634, 9781405113634

Sea Ice

An Introduction to its Physics, Chemistry, Biology and Geology

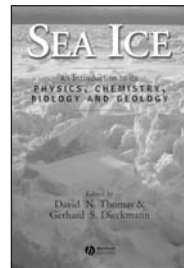
Edited by D. N. Thomas & G. S. Dieckmann

"This excellent book provides considerable food for thought." *Fishing Boat World*

"Provides the scientific community with an excellent source of reference on the biology of sea ice." *Arctic, Antarctic and Alpine Research*

Sea ice covers many millions of square kilometers and as such is one of the world's largest ecosystems. A full understanding of how sea ice forms and consolidates, what is its role as a habitat for biological assemblages and the ultimate fate of these organisms and their use as paleoenvironmental indicators is vital for polar research. This exciting new book takes a multi-disciplinary approach to the subject, drawing international contributions from the range of disciplines making up sea ice research.

2003, 416 PAGES, HARDBACK, ILLUSTRATED, 0632058080, 9780632058082



Sea Trout

*** NEW ***

Biology, Conservation & Management

Edited by Nigel Milner & Graeme Harris

The sea trout is an important fish species both commercially and recreationally but until recently it has been largely neglected and overshadowed by interest in salmon. In July 2004 a major international conference was convened, attracting world class international scientists who have contributed to this most important volume. The contents are broadly divided into four sections covering: stocks and fisheries; genetics and life history; ecology and population dynamics; and managing stocks and world fisheries. The book is an essential purchase for many fisheries managers and fish biologists.

2006, 576 PAGES, HARDBACK, ILLUSTRATED, 1405129913, 9781405129916

Seamounts

IN PREPARATION

Edited by T. J. Pitcher, P. Hart, R. Santos & T. Morato

FISH AND AQUATIC RESOURCES SERIES

Seamounts originate from volcanic islands that have sunk beneath the surface of the sea, mainly as a result of erosion, or geological disturbance. The ecological and oceanographic importance of seamounts for the status of marine food webs and biodiversity has only recently been recognized, yet seamounts world-wide have been so intensively exploited by fisheries that many of their biotic components have suffered serious depletion.

This important book brings together our current knowledge of seamounts, concentrating on the themes of recruitment and vulnerability of seamount organisms, impacts on seamount biodiversity, and the sustainability and economic basis of seamount fisheries. Chapters which are written by acknowledged experts in marine and fisheries ecology include coverage of the influences of ocean currents, complex food web structures, transient feeding by visitors to seamounts such as whales and tunas, and the integration of differing environmental compartments stratified by depth. The editors of this book have drawn together an extremely valuable reference and tool for all those involved in marine ecosystems, and fisheries conservation and management.

SERIES EDITOR: T J PITCHER

2007, 384 PAGES, HARDBACK, ILLUSTRATED, 1405133430, 9781405133432

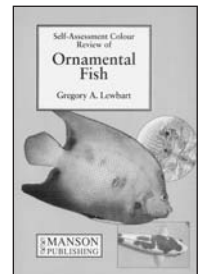
Self-Assessment Colour Review of Ornamental Fish

Edited by Greg Lewbart

The keeping of ornamental fishes is the biggest animal related hobby in the world. Many textbooks and most of the related literature focus on diseases of fish designated for human consumption, especially aquaculture species. This *Self-Assessment Colour Review* provides the reader with over 250 clinical cases and covers all of the important medical and surgical conditions found in ornamental fishes. The well illustrated cases appear randomly and are targeted at different levels of expertise.

A team of internationally known and respected authors have written the questions and detailed explanatory answers, and Dr Lewbart has edited the text so that it is practical, informative and easy to read.

1998, 192 PAGES, PAPERBACK, ILLUSTRATED
FOR PURCHASE IN NORTH AMERICA AND CANADA
PLEASE QUOTE ISBN 0813826195, 9780813826196
FOR PURCHASE IN UK, EUROPE AND REST OF THE WORLD
PLEASE QUOTE ISBN 1874545812, 978187454811



Blackwell Publishing Aquaculture and Fisheries Journals

To see our list of journals in Aquaculture, Fisheries, Fish Biology and Aquatic Sciences, please go to pages 15 and 16.

Sharks of the Open Ocean

IN PREPARATION

Biology, fisheries and conservation

Edited by **Merry Camhi & Ellen K. Pikitch**

This important and exciting title represents the first authoritative volume focussed on pelagic (open ocean) sharks as a group. Virtually every pelagic shark expert in the world has contributed to this landmark publication which includes the latest data and knowledge on pelagic shark biology, fisheries, management, and conservation.

Pelagic sharks face unprecedented levels of exploitation in all the world's oceans through both direct fisheries and by-catch, and effective management for these species is contingent upon solid science and data, which this book brings together for the first time. All those involved in shark biology will need to have a copy of this book.

2007, 320 PAGES, HARDBACK, ILLUSTRATED, 0632059958, 9780632059959

Shrimp Culture

Economics, Market and Trade

Edited by **PingSun Leung & Carole Engle**

PUBLISHED IN COOPERATION WITH THE WORLD AQUACULTURE SOCIETY

The growth in the demand for and culture of shrimp has exceeded most expectations and this growth is expected to continue

until at least 2025. A proper knowledge of the economics, market and trade for shrimp is now as important to shrimp farmers and aquaculture scientists, as is disease management or husbandry.

This important book covers all major aspects of the economics, trade and markets for shrimp worldwide, with chapters written by experts from major consuming and farming countries such as the U.S.A. and major providers such as Thailand and Brazil.

Shrimp Culture is an essential purchase for everyone involved in this massive industry across the globe.

2006, 416 PAGES, PAPERBACK, ILLUSTRATED, 0813826551, 9780813826554

Stock Assessment in Inland Fisheries

Edited by **Ian G. Cowx**

1996, 528 PAGES, HARDBACK, ILLUSTRATED, 0852382243, 9780852382240

Wrasse

Biology and Use in Aquaculture

Edited by **M. D. Sayer, J. W. Treasurer & M. J. Costello**

1996, 296 PAGES, HARDBACK, ILLUSTRATED, 0852382367, 9780852382363

Spiny Lobsters

Fisheries and Culture

Second Edition

Bruce Phillips & Jiro Kittaka

"A very valued contribution to the body of knowledge on a very important fishery." *Fishing Boat World*

Spiny lobsters are among the world's most valuable and highly prized seafoods. Demand for spiny lobsters has spurred the need both for better management and for research on which to base that management.

The book opens with a brief review of the general biology, distribution, fishing techniques etc. but the major emphasis is on the latest management strategies, developments in aquaculture, marketing and economics. A special feature of the book will be detailed reviews of the spiny lobster fishery, research and marketing in Japan, where customers are willing to pay more than US\$50 per pound for live lobsters.

2000, 704 PAGES, 0852382642, 9780852382646

Stock Enhancement and Sea Ranching

NEW EDITION

Developments, Pitfalls and Opportunities

Second Edition

Edited by **Kenneth M. Leber, Shuichi Kitada, H. L. Blankenship & Terje Svasand**

"A very important book about a very important subject." *Professional Fisherman*

"An excellent compendium of often hard-to-find published examples... very valuable as a reference source for anyone interested in stock enhancement and sea ranching." *Fish and Fisheries*

The collapse of many of the World's fisheries continues to be of major concern and the enhancement of fish stocks through techniques such as ranching is of huge importance and interest across the globe. This important book contains fully peer reviewed and carefully edited papers from the Second International Symposium in Stock Enhancement and Sea Ranching.

2004, 584 PAGES, HARDBACK, ILLUSTRATED, 1405111194, 9781405111195

Stocking and Introductions of Fish

In Freshwater and Marine Ecosystems

Edited by **Ian G. Cowx**

1997, 464 PAGES, HARDBACK, ILLUSTRATED, 0852382391, 9780852382394

Stress Physiology in Animals

Edited by **Paul H. M. Balm**

An overview of the impact of stress on animal physiology, organised by functional activity. Comparative aspects of the subject are emphasised throughout. The authors concentrate on the recent literature and the volume covers a range of organisation, from molecular to community.

1999, 296 PAGES, HARDBACK, ILLUSTRATED, 1850759081, 9781850759089

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Sustainable Fishery Systems

Anthony T. Charles

TEXTBOOK

FISH AND AQUATIC RESOURCES SERIES

"The most comprehensive treatise I have read on the subject of fisheries systems." *Fish and Fisheries*

This book is, perhaps, the first comprehensive attempt to adopt an 'integrated' interdisciplinary approach to the study of fisheries. This text analyses fisheries as holistic 'systems' providing a comprehensive understanding of their diversity, structure and operation. This interdisciplinary approach is applied to the study of 'sustainable fisheries', examining five dominant themes in modern-day fishery systems; sustainability, uncertainty, conflict, fishing rights and the nature of management. This is ideal as a textbook for fishery courses that seek to both transcend disciplinary boundaries and to combine theoretical analysis with practical case studies. The book's integrated approach is applied to both coastal and aquaculture systems and it is thus highly relevant to students in both areas. Case studies from around the world are integrated into the text.

SERIES EDITOR: T J PITCHER

2001, 384 PAGES, PAPERBACK, ILLUSTRATED, 0632057750, 9780632057757

Tropical Estuarine Fishes

Ecology, Exploitation and Conservation

Stephen Blaber

FISH AND AQUATIC RESOURCES SERIES

"A valuable reference... The book will also serve as a benchmark against which to measure future negative impacts and conservation efforts." *Copeia*

"Any student or scientist working on tropical estuarine (or coastal) fishes must have this book." *Fish and Fisheries*

Tropical Estuaries are a vital part of the marine and tropical ecosystem and there is currently a good deal of concern about the impact of human activities on them. This book provides a full overview of the exploited fish species and their associated fisheries, on which many countries' economies rely.

2000, 384 PAGES, HARDBACK, ILLUSTRATED, 063205655X, 9780632056552

Trout and Salmon

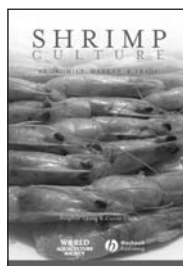
Ecology, Conservation and Rehabilitation

D. T. Crisp

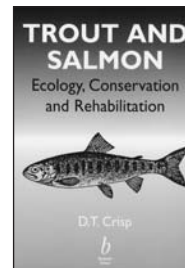
The author has spent many years studying the ecology of salmon and trout and has used this considerable experience to bring together and summarise the results of recent research on the

ecology of riverine salmonids in a form that is comprehensible without sacrificing scientific rigour. The information contained in this text forms the essential basis for habitat improvement. It also deals in detail with the manner in which man's varied activities impinge upon the well-being of the salmonids and this leads on to a consideration of the general philosophy underlying practical measures for conservation and rehabilitation. This text will be particularly valuable for fisheries scientists and ecologists both at professional and student level.

2000, 224 PAGES, PAPERBACK, ILLUSTRATED, 0852382561, 9780852382561



IN PREPARATION

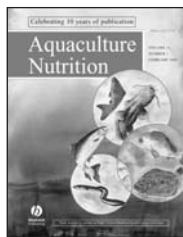


Aquaculture Nutrition

Edited by **Rune Waagbø**

Aquaculture Nutrition provides a global perspective on the nutrition of all cultivated aquatic animals. Topics range from extensive aquaculture to laboratory studies of nutritional biochemistry and physiology. The Journal specifically seeks to improve our understanding of the nutrition of aquacultured species through the provision of an international forum for the presentation of reviews and original research papers.

PRINT ISSN: 1353-5773 | ONLINE ISSN: 1365-2095 | FREQUENCY: BI-MONTHLY | WWW.BLACKWELLFISH.COM/ANU



Aquaculture Research

Edited by **Ronald W. Hardy & S. J. de Groot**

Aquaculture Research is a well-established and independent journal. It is international in perspective and specifically addresses research and reference needs of all working and studying within the many varied areas of aquaculture. The Journal regularly publishes papers on applied or scientific research relevant to freshwater, brackish, and marine aquaculture. It covers all aquatic organisms, floristic and faunistic, related directly or indirectly to human consumption.

PRINT ISSN: 1355-557X | ONLINE ISSN: 1365-2109 | FREQUENCY: 16 TIMES A YEAR | WWW.BLACKWELLFISH.COM/ARE



Conservation Biology

Published on behalf of the **Society for Conservation Biology**

Edited by **Gary K. Meffe**

In the past decade *Conservation Biology* has become the most influential and frequently cited journal in its field. Nature calls this title "required reading for ecologists throughout the world." The journal continues to publish groundbreaking papers and remains instrumental in defining the key issues contributing to the study and preservation of species and habitats.

PRINT ISSN: 0888-8892 | ONLINE ISSN: 1523-1739 | PUBLISHED BI-MONTHLY | WWW.BLACKWELLFISH.COM/CBI



Ecology of Freshwater Fish

Edited by **Javier Lobón-Cervia, Asbjørn Vøllestad and David C. Heins**

The journal publishes original articles on all aspects of fish ecology and fishery sciences in lakes, rivers and estuaries, including ecologically oriented studies of behaviour, genetics and physiology and the conservation, development and management of recreational and commercial fisheries. Reports of studies examining ecological questions in an evolutionary framework are published as well, including research papers addressing evolutionary ecology, behavioral ecology, population ecology, and population biology.

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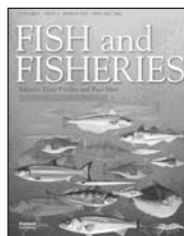


Fish and Fisheries

Edited by **Tony Pitcher & Paul Hart**

Fish and Fisheries is a refereed academic journal which exists to benefit all involved with the broad field of the biology of fish and their exploitation and conservation at a professional level. Its ethos is one of impartiality and non-partisanship.

PRINT ISSN: 1467-2960 | ONLINE ISSN: 1467-2979 | PUBLISHED QUARTERLY | WWW.BLACKWELLFISH.COM/FAF

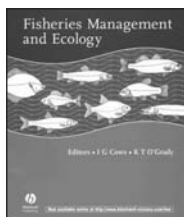


Fisheries Management and Ecology

Edited by **I. G. Cowx & H. L. Schramm**

Fisheries Management and Ecology has an international perspective. It presents papers which aims to foster an understanding of all aspects of the management, ecology and conservation of inland, estuarine and, where appropriate, coastal fisheries.

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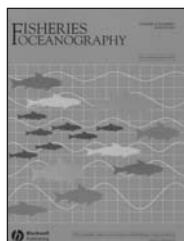
Fisheries Oceanography

The **International Journal of the Japanese Society for Fisheries Oceanography**

Edited by **David Checkley**

Fisheries Oceanography is designed to present a forum for the exchange of information amongst fisheries scientists worldwide. It presents original research articles relating the production and dynamics of fish populations to the marine environment; entire food chains; mechanisms controlling abundance; and factors affecting the abundance of fish species.

PRINT ISSN: 1054-6006 | ONLINE ISSN: 1365-2419 | PUBLISHED BI-MONTHLY | WWW.BLACKWELLFISH.COM/FOG



Fisheries Science

The **Official Journal of the Japanese Society of Fisheries Science**

Edited by **Shugo Watabe**

Recognised as a leading regional journal, *Fisheries Science* is also respected internationally by oceanic and aquatic scientists for the publication of original and applied research articles in a broad range of subject areas relevant to fisheries science.

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Freshwater Biology

Edited by **Alan G. Hildrew and Colin R. Townsend**

Freshwater Biology publishes papers on all aspects of the ecology of inland surface waters, including rivers and lakes, connected ground waters, flood plains and other wetlands. We publish studies of micro-organisms, algae, macrophytes, invertebrates, fish and other vertebrates, as well as those concerning whole systems and related physical and chemical aspects of the environment.

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Journal of Applied Ichthyology

Now incorporating the **Archive of Fishery and Marine Research**
Official Journal of the **World Sturgeon Conservation Society and Deutschen Wissenschaftliche Kommission für Internationale Meeresforschung**

Edited by **H. Rosenthal**

The *Journal of Applied Ichthyology* publishes articles of international repute on ichthyology, aquaculture and marine fisheries; and ichthyopathology and ichthyoimmunology.

The 2005 merger with the *Archive of Fishery and Marine Research* widens the scope to include several basic aquatic science issues relevant to fisheries management.

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Journal of Fish Biology

The official journal of the Fisheries Society of the British Isles

Edited by **J. F. Craig**

The *Journal of Fish Biology* is a leading international journal for scientists engaged in all aspects of fish biology research, both freshwater and marine. JFB publishes high-quality papers relevant to the central theme of fish biology, giving an overall picture of the research in progress.

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Journal of Fish Diseases

Edited by **R. J. Roberts & R. Wootten**

Journal of Fish Diseases enjoys an international reputation as the medium for the exchange of information on original research into all aspects of disease in both wild and cultured fish and shellfish.

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Journal of Phycology

An International Journal of Algal Research

Published on behalf of the Phycological Society of America

Edited by **Patricia A. Wheeler**

The *Journal of Phycology* was founded in 1965 by the Phycological Society of America. All aspects of basic and applied research on algae are included to provide a common medium for the ecologist, physiologist, cell biologist, molecular biologist, morphologist, oceanographer, taxonomist, geneticist, and biochemist.

PRINT ISSN: 0022-3646 | ONLINE ISSN: 1529-8817 | PUBLISHED BI-MONTHLY | WWW.BLACKWELLFISH.COM/JPY



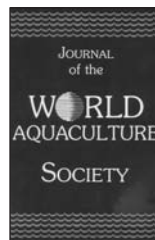
New to Blackwell for 2006! Journal of the World Aquaculture Society

Published on behalf of the World Aquaculture Society

Edited by **Harry Daniels**

Blackwell Publishing is pleased to announce a new partnership with the World Aquaculture Society in 2006 to bring you the *Journal of the World Aquaculture Society*. This international scientific journal publishes original research on the culture of aquatic plants and animals, including: nutrition; disease; genetics and breeding; physiology; environmental quality; culture systems engineering; husbandry practices; economics and marketing.

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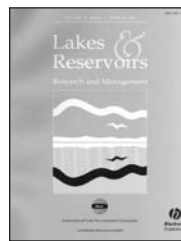


Lakes & Reservoirs: Research and Management Official Journal of the International Lake Environment Committee

Edited by **S. Matsui and W. Rast**

Lakes and Reservoirs: Research and Management aims to promote environmentally sound management of natural and artificial lakes, consistent with sustainable development policies. This peer-reviewed Journal publishes international research on the management and conservation of lakes and reservoirs to facilitate the international exchange of results.

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Marine Ecology An evolutionary perspective

Published in association with the Societa Italiana di Biologia Marina Onlus

Edited by **M. C. Gambi & L. Levin**

Marine Ecology (formerly Pubblicazioni della Stazione Zoologica di Napoli) publishes original contributions on the structure and dynamics of marine benthic and pelagic ecosystems, and on the critical links between ecology and evolution of marine organisms.

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Phycological Research

Official Journal of the Japanese Society of Phycology

Edited by **Kazuo Okuda**

Phycological Research is published by The Japanese Society of Phycology and complements The Japanese Journal of Phycology. The Journal publishes international research dealing with all aspects of phycology to facilitate the international exchange of ideas.

PRINT ISSN: 1322-0829 | ONLINE ISSN: 1440-183 | PUBLISHED QUARTERLY | WWW.BLACKWELLFISH.COM/PRE



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Announcing from 2006: Journal of Fish Biology Supplementary Issues

We are pleased to announce the launch of four special Molecular Sciences supplementary issues within the *Journal of Fish Biology* from 2006. These Molecular Sciences supplementary issues will feature papers on molecular biology, genetics, taxonomy, biochemistry and immunology and will be edited by Professor Norman McLean. The first supplement will accompany the March 2006 issue of the journal.

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